



F E D E R A L  
S T U D E N T A I D

*We Help Put America Through School*

---

# Introduction to P3P and Implementation Guidelines

---

April 2004

---

"We help put America through school"



# Topics for Discussion

---

- **Requirements for P3P**
- **Description of P3P**
- **Current Status of Implementation**
- **How P3P works**
- **How to implement P3P for FSA**



# What is P3P?

---

- **P3P = Platform for Privacy Preferences**
- **P3P is a standardized way to present to users a website's privacy policies.**

# Requirements for Machine Readable Privacy Policies

---



- Section 208 of the E-Government Act requires that website privacy policies be machine/browser readable.
- P3P, a.k.a. Platform for Privacy Preferences Project, is the *only* standard to fulfill this requirement.



# Basic components of P3P:

---

- **Browser**
  - Currently browser can only read compact policies
  - To read full P3P policies user must download a “P3P user agent” (ex. Privacy Bird)
- **Server**
  - **P3P is a standard language used to transfer existing privacy policies into “machine readable” XML policies**
  - **Two types of P3P Policies**
    - Compact
    - Full
  - Web server must contain an XML “policy reference files” (this is the P3P version of the site’s existing privacy policy)
  - No special server software required



# Contents of Compact P3P Policy

---

- Compact Policy
  - Provides very short summary of full P3P policy for cookies
  - Only covers cookies
  - Must follow policy for lifetime of cookies
  - Internet Explorer v.6 can only read compact policies



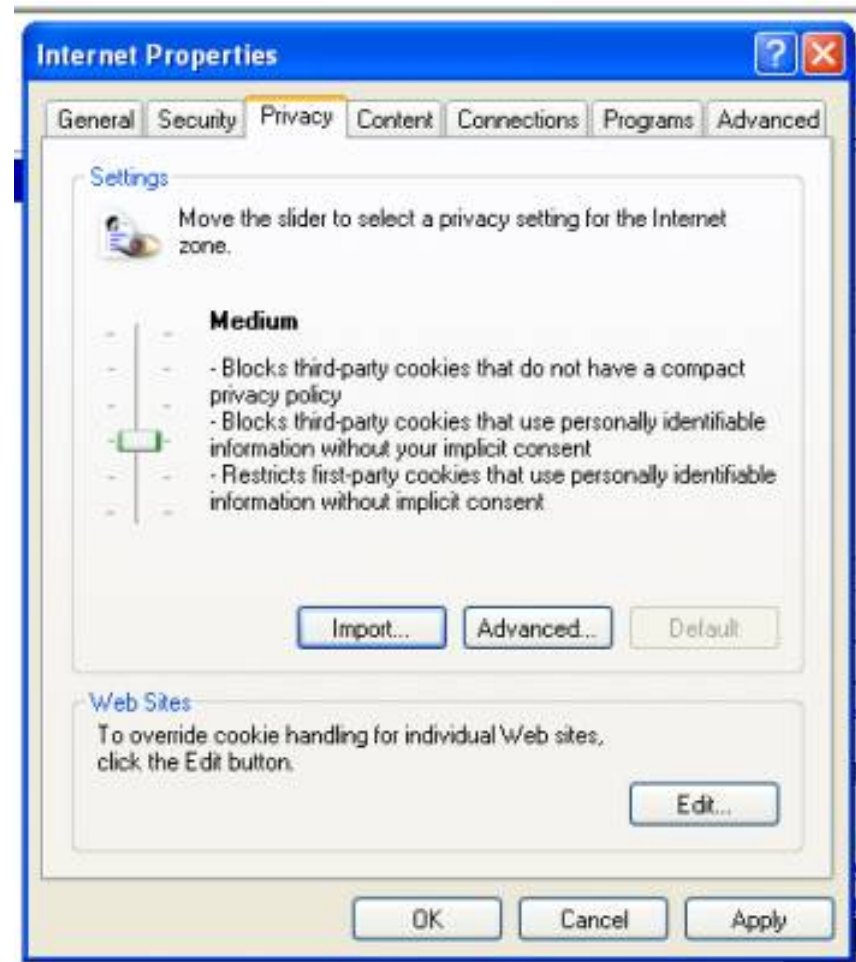
# Contents of Full P3P policy

---

- Basically, the information from the Privacy Impact Assessment:
  - Name and contact information for site
  - The kind of access provided
  - Mechanisms for resolving privacy disputes
  - The kinds of data collected
  - How collected data is used, and whether individuals can opt-in or opt-out of any of these uses
  - Whether/when data may be shared and whether there is opt-in or opt-out
  - Data retention policy
- A copy of the Privacy Impact Assessment Template is available at [http://fsanet.ed.gov/cio/products/it\\_security\\_portal/privacy/privacy\\_impact\\_assessment\\_template\\_july2003.doc](http://fsanet.ed.gov/cio/products/it_security_portal/privacy/privacy_impact_assessment_template_july2003.doc)

# Where P3P Stands Currently

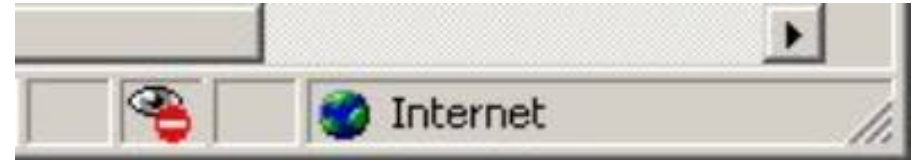
- Internet Explorer version 6 allows individual users to set cookie policies (under Tools/ Internet Options/ Privacy). This sets the user agent.
- Currently, IE only reads compact policies, not full P3P policies.
- Earlier versions of Explorer don't support P3P at all.



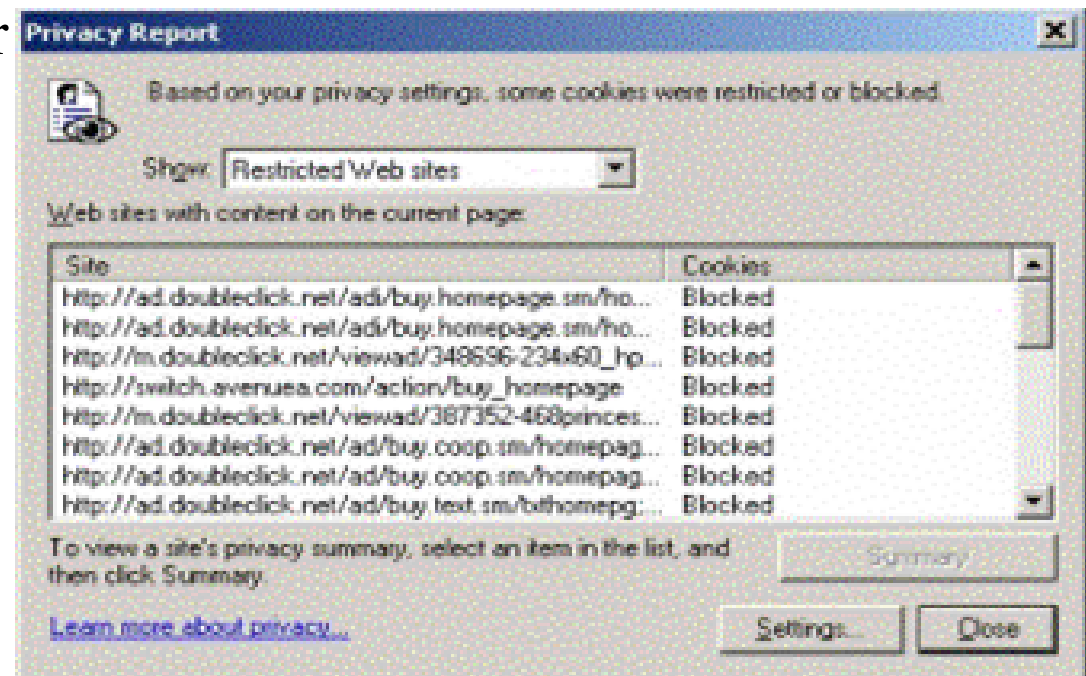


# How P3P works

- When a user's IE privacy settings conflict with the website's compact policy- you get the privacy icon (warning eyeball) in the lower right hand part of your browser.

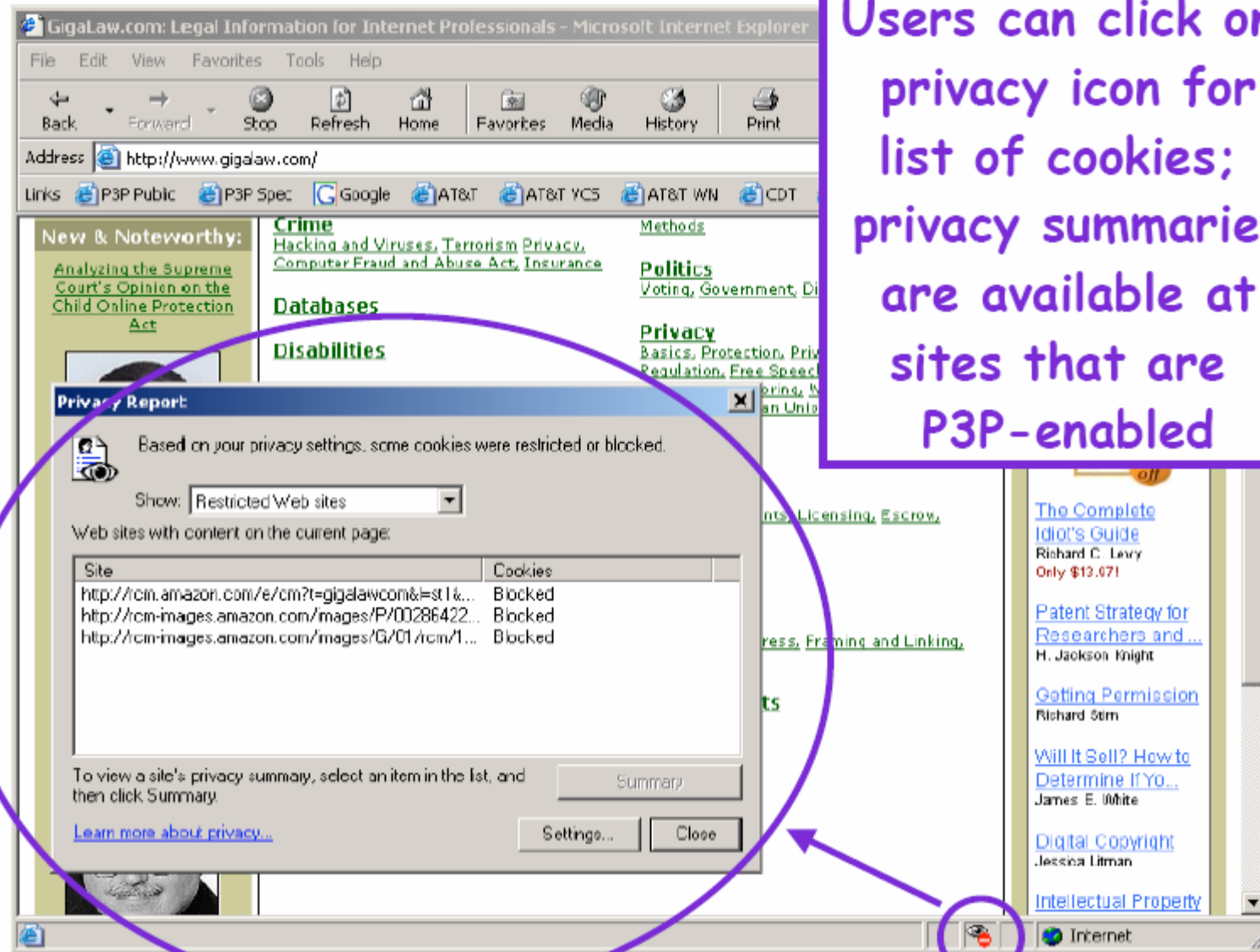


- Click on the eyeball and you see a list of the blocked cookies.



# What happens when you click on the privacy icon

Users can click on privacy icon for list of cookies; privacy summaries are available at sites that are P3P-enabled



Based on your privacy settings, some cookies were restricted or blocked.

Show:

Web sites with content on the current page:

Site	Cookies
http://cm.amazon.com/e/cm?t=gigalawcom&st1&...	Blocked
http://cm-images.amazon.com/images/P/00286422...	Blocked
http://cm-images.amazon.com/images/G/01/cm/1...	Blocked

To view a site's privacy summary, select an item in the list, and then click Summary.

[Learn more about privacy...](#)

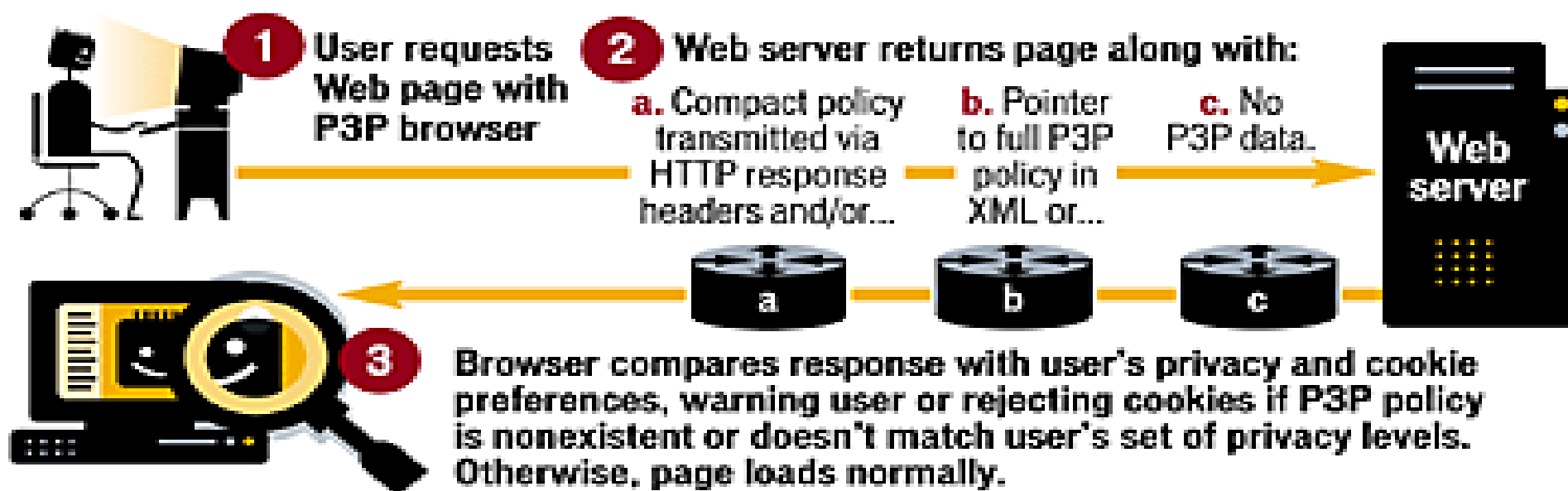
Summary Settings... Close

# Privacy Report

- Click on an individual cookie in the listing and you'll see the policy for the site, called the privacy report.



# How P3P works





# FSA P3P Requirements

---

- FSA systems with websites must create, test, and implement P3P policies.
- The next section of this brief will go through step-by-step on how to implement P3P.

# SSO Preliminary Steps

---

1. **Determine if your website(s) collects personal identification.**
2. **If your website(s) do collect personal information, record the following items and send this information to Jill:**
  - Name and contact information for site
  - The kind of access provided
  - Mechanisms for resolving privacy disputes
  - The kinds of data collected
  - How collected data is used, and whether individuals can opt-in or opt-out of any of these uses
  - Whether/when data may be shared and whether there is opt-in or opt-out
  - Data retention policy
  - Address of website
  - (If you have done a Privacy Impact Assessment, this information should included as a part of it.)



# FSA Next Steps

---

- **FSA is in the process of deciding to whether to create a set of enterprise P3P policies or to create individual system P3P policies. We will keep you updated as developments occur.**



## **Questions/Comments?**

**For more information see the Online Security Center,  
look under What's Hot,  
[http://fsanet.ed.gov/cio/products/it\\_security\\_portal/p3p/  
index.html](http://fsanet.ed.gov/cio/products/it_security_portal/p3p/index.html)**